

Title (en)  
TRANSMEMBRANE DRUG DELIVERY SYSTEM

Title (de)  
SYSTEM ZUR TRANSMEMBRANEN ARZNEIMITTELABGABE

Title (fr)  
SYSTEME D'ADMINISTRATION DE MEDICAMENT TRANSMEMBRANE

Publication  
**EP 3099331 B1 20210310 (EN)**

Application  
**EP 15702553 A 20150128**

Priority  
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• GB 2015050190 W 20150128

Abstract (en)  
[origin: WO2015114324A1] The invention provides a transmembrane delivery system comprising: a pharmaceutically active moiety; and a polypeptide of up to 20 amino acids in length comprising a continuous region of at least 2, more typically at least 4 basic amino acids. Typically the system comprises a polypeptide which has the formula: (B)<sub>n</sub> (A)<sub>m</sub> where B is a basic amino acid A is an acidic amino acid, and m and n are integers and n is at least 4 m is less than n.

IPC 8 full level  
**A61K 39/00** (2006.01); **A61K 9/00** (2006.01); **A61K 38/17** (2006.01); **A61K 47/10** (2017.01); **A61K 47/12** (2006.01); **A61K 47/14** (2017.01); **A61K 47/32** (2006.01); **A61K 47/64** (2017.01); **A61P 17/00** (2006.01); **A61P 27/02** (2006.01); **A61P 43/00** (2006.01)

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Citation (examination)  
• US 2003022831 A1 20030130 - ROTHBARD JONATHAN B [US], et al  
• IKUHIKO NAKASE ET AL: "Efficient Intracellular Delivery of Nucleic Acid Pharmaceuticals Using Cell-Penetrating Peptides", ACCOUNTS OF CHEMICAL RESEARCH., vol. 45, no. 7, 17 July 2012 (2012-07-17), US, pages 1132 - 1139, XP055658349, ISSN: 0001-4842, DOI: 10.1021/ar200256e

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DOCDB simple family (publication)  
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**GB 2015050190 W 20150128**; EP 15702553 A 20150128; EP 20216082 A 20150128; ES 15702553 T 20150128; GB 201401453 A 20140128; US 201515113954 A 20150128